

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-18. Cancelled.

19. (Currently amended) An ophthalmic surgery system comprising an ophthalmic measurement apparatus and a refractive surgery apparatus,

wherein the ophthalmic measurement apparatus ~~includes~~ comprises:

optometry means for examining or measuring a patient's eye to obtain measurement data on ~~the eye, the measurement data including refractive data on~~ power or a corneal shape of the eye necessary for refractive correction;

first photographing means for photographing the eye;

first identification code acquiring means for extracting a characteristic, which is inherently unique to the eye, by processing ~~[[an]]~~ a first image of the eye photographed by the first photographing means and obtaining a first identification code based on the extracted characteristic; and

storage means for storing the obtained measurement data or surgical data generated based on the obtained measurement data in association with the obtained first identification code, and

wherein the refractive surgery apparatus ~~includes~~ comprises:

surgery means for performing surgery for the refractive correction on the eye based on the surgical data;

second photographing means for photographing the eye;

second identification code acquiring means for extracting the characteristic by processing ~~[[an]]~~ a second image of the eye photographed by the second photographing means and obtaining a second identification code based on the extracted characteristic;

comparison means for comparing the first identification code received from the ophthalmic measurement apparatus and the obtained second identification code to judge whether the first identification code and the second identification code match; and

~~informing means for informing a result of the comparison by the comparison means~~

permission means for permitting the surgery to be performed by the surgery means, the surgical data to be generated based on the obtained measurement data or the surgical data to be used when the comparison means judges that the first identification code and the second identification code match.

20-21. Cancelled.

22. (Currently Amended) The ophthalmic surgery system according to claim 19, wherein the first and second identification code acquiring means obtain the first and second identification codes based on an iris pattern of the eye as the characteristic respectively.

23-26. Cancelled.

27. (Currently Amended) An ophthalmic system comprising an eye examination apparatus for obtaining examination data on a patient's eye and photographing the eye, and a data management apparatus, the system comprising:
wherein the eye examination apparatus comprises:

~~assigning means for assigning patient identification data including at least one of a name and an ID number of a patient;~~

first identification code acquiring means for ~~photographing an image of a patient's eye,~~ extracting a characteristic, which is inherently unique to the eye, by processing the ~~photographed~~ a first image of the eye photographed by the examination apparatus, and obtaining a first identification code based on the extracted characteristic; and

first storage means for storing ~~first measurement~~ the examination data on the eye obtained by the examination apparatus in association with ~~the assigned patient identification data and~~ the obtained first identification code as an examination data file[;:] and

wherein the data management apparatus comprises:

second identification code acquiring means for ~~photographing an image of the eye,~~ extracting the characteristic by processing ~~the photographed~~ a second image of the eye, and obtaining a second identification code based on the extracted characteristic;

second storage means for storing the obtained second identification code so as to compare with the first identification code;

~~input means for inputting the patient identification data;~~

comparison means for ~~reading out the first identification code from the first storage means based on the inputted patient identification data and~~ comparing the read first identification code and the ~~obtained~~ second identification code to judge whether the first identification code and the second identification code match; and

~~informing means for informing a result of the comparison by the comparison means~~

third storage means for storing the examination data in a data area assigned by the second identified code when the comparison means judges that the first identification code and the second identification code match.

28. Cancelled.

29. (Currently Amended) The ophthalmic system according to claim 27, wherein the first and second identification code acquiring means obtain the first and second identification codes based on an iris pattern of the eye as the characteristic respectively.